

KAMINSKIY, D.N., laureat Stalinskoy premii.

Ways of improving the organization of electromechanical service
in mining. Ugol' 29 no.10:18-23 0 '54. (MLRA 7:11)
(Electricity in mining)

AGALINA, M.S., inzh.; AKUTIN, T.K., inzh.; APRESOV, A.M., inzh.; ARISTOV, S.S., kand. tekhn. nauk.; BELOSTOTSKIY, O.B., inzh.; BERLIN, A.Ye., inzh.; BESSESKIY, K.A., inzh.; BLYUM, A.M., inzh.; BRAUN, I.V., inzh.; BRODSKIY, I.A., inzh.; BURAKAS, A.I., inzh.; VAYNMAN, I.Z., inzh.; VARSHAVSKIY, I.N., inzh.; VASIL'YEVA, A.A., inzh.; VORONIN, S.A., inzh.; VOYTSEKHOVSKIY, L.K., inzh.; VRUBLEVSKIY, A.A., inzh.; GERSHMAN, S.G., inzh.; GOLUBYATNIKOV, G.A., inzh.; GORLIN, M.Yu., inzh.; GRAMMATIKOV, A.N., inzh.; DASHEVSKIY, A.P., inzh.; DIDKOVSKIY, I.L., inzh.; DOBROVOLO'SKIY, N.L., inzh.; DROZDOV, P.F., kand. tekhn. nauk.; KOZLOVSKIY, A.A., inzh.; KIRILENKO, V.G., inzh.; KOPELYANSKIY, G.D., kand. tekhn. nauk.; KORETSKIY, M.M., inzh.; KUKHARCHUK, I.N., inzh.; KUCHER, M.G., inzh.; MERZLYAK, M.V., inzh.; MIRONOV, V.V., inzh.; NOVITSKIY, G.V., inzh.; PADUN, N.M., inzh.; PANKRAT'YEV, N.B., inzh.; PARKHOMENKO, V.I., kand. biol. nauk.; PINSKIY, Ye.A., inzh.; POILUBNYY, S.A., inzh.; PORAZHENKO, F.F., inzh.; PUZANOV, I.G., inzh.; REDIN, I.P., inzh.; HEZNICK, I.S., kand. tekhn. nauk.; ROGOVSKIY, L.V., inzh.; RUDERMAN, A.G., inzh.; RYBAL'SKIY, V.I., inzh.; SADOVNIKOV, I.S., inzh.; SEVER'TANOV, N.N., kand. tekhn. nauk.; SHIMESHKO, A.T., inzh.; SIMKIN, A.Kh., inzh.; SURDUTOVICH, I.N., inzh.; TROFIMOV, V.I., inzh.; FEFER, M.M., inzh.; FIALKOVSKIY, A.M., inzh.; FRISHMAN, M.S., inzh.; CHERESHNEV, V.A., inzh.; SHESTOV, B.S., inzh.; SHIFMAN, M.I., inzh.; SHUMYATSKIY, A.F., inzh.; SHCHEBELEV, V.I., inzh.; STANCHENKO, I.K., otv. red.; LISHIN, G.L., inzh., red.; KRAVTSOV, Ye.P., inzh., red.; GRIGOR'YEV, G.V., red.; KAMINSKIY, D.N., red.; KRASOVSKIY, I.P., red.; LEYTMAN, L.Z., red. [deceased]; GUREVICH, M.S., inzh., red.; DANILAEVSKIY, A.S., inzh., red.; DEMIN, A.M., inzh., red.; KAGANOV, S.I., inzh., red.; KAUFMAN, B.N., kand. tekhn. nauk., red.; LISTOPADOV, N.P., inzh., red.; MENDELEVICH, I.R., inzh., red. [deceased];

(continued on next card)

AGALINA, M.S.... (continued) Card 2.

PENTKOVSKIY, N.I., inzh., red.; ROZENBERG, B.M., inzh., red.; SLAVIN,
D.S., inzh., red.; FEDOROV, M.P., inzh., red.; TSYMBAL, A.V., inzh., red.;
SMIRNOV, L.V., red. izd-va.; PROZOROVSKAYA, V.L., tekhn. red.

[Mining ; an encyclopedic handbook] Gornoe delo; entsiklopedicheskii
spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po ugol'noi'
promyshl. Vol. 3.[Organization of planning; Construction of surface
buildings and structures] Organizatsiya proektirovaniia; Stroitel'stvo
zdanii i sooruzhenii na poverkhnosti shakht. 1958. 497 p. (NIRA 11:12)
(Mining engineering)
(Building)

YAKUBOVSKIY, F.B., red.; BELYAYEV, B.I., red.; VOLNYANSKIY, A.K., red.; KAMINSKIY, D.N., red.; KOL'TSOV, A.G., red.; KUREK, N.M., red.; OVSYANIKIN, V.I., red.; PRIVALOV, N.N., red.; KHRAMUSHIN, A.M., red.; BRISTOV, V.S., red.; UDOD, V.Ya., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Papers and reports of the section on industrial construction, assembling and specialized work of the All-Union Conference on Construction] Doklady i soobshcheniya. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1958. 438 p. (MIRA 12:7)

1. Vsesoyuznoye soveshchaniye po stroitel'stvu. Moscow, 1958.
Sektsiya promyshlennogo stroitel'stva, montazhnykh i spetsializirovannykh rabot.

(Building)

KAMINSKIY, D.N., red.; FAYBISOVICH, I.L., red.; ZELINSKIY, V.M., red.
CHECHKOV, L.V., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.

[Handbook for mining engineers and technicians] Spravochnik me-
khanika-shakhtostroitelia. Pod red. D.N.Kaminskogo, I.L.Faibiso-
vicha, V.M.Zelinskogo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry
po gornomu delu, 1961, 1062 p.
(Mining engineering)

KAMINSKIY, D.N., inzh.; PODLUBNYI, S.A., inzh.

Bring to a higher technical level the assembly operations in
mine building. Shakht.stroi. 5 no.12:3-5 D '61. (MIRA 14:12)
(Coal mining machinery)
(Mining machinery)

KAMINSKIY, D.S.

Kaminskiy, D.S. "Innate partial reverse of external corner of lower eyelids and contracted upper eyelids," Sbornik nauch. rabot, posvyashchen. pamyati akad. Aberbakh, Moscow-Leningrad, 1948, p. 75-77

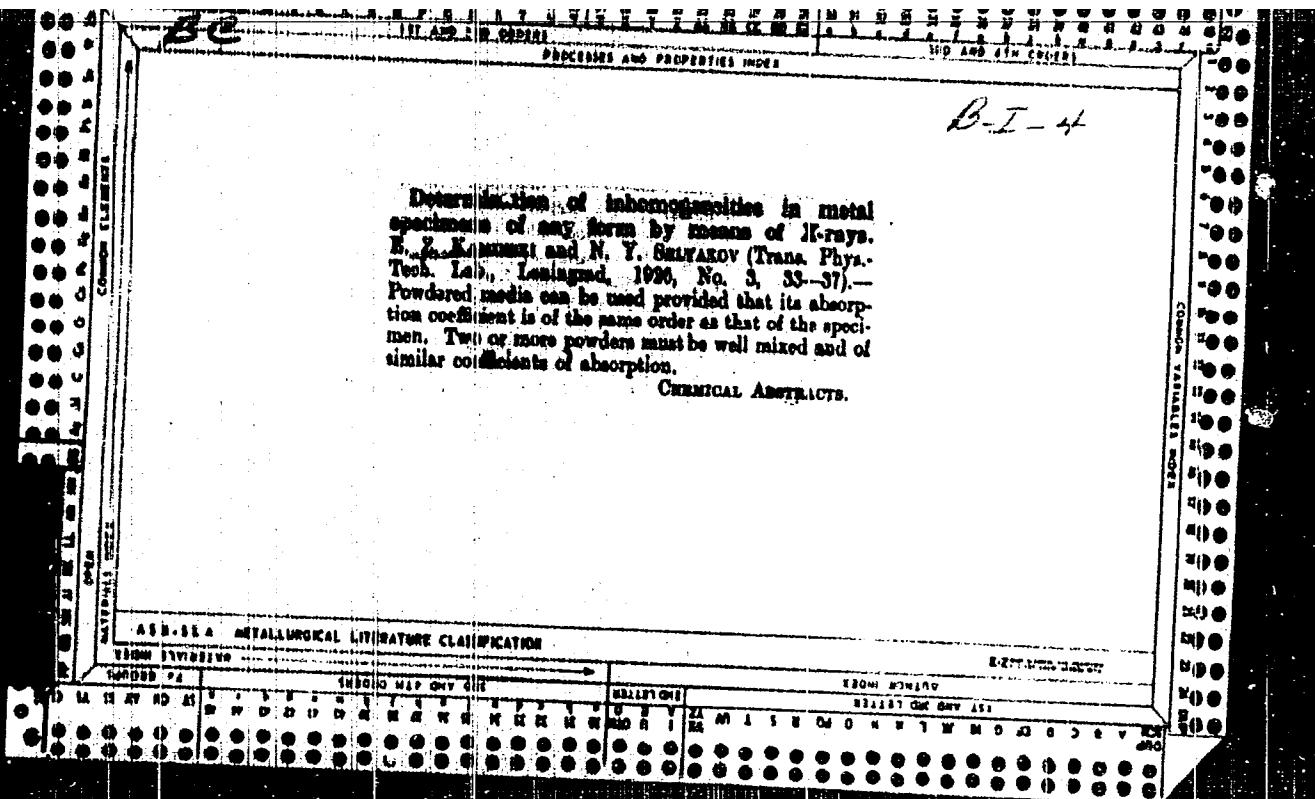
SO: U-3264, 10 April 1953, (Letopis, 'Zhurnal 'nykh Statev, No. 3, 1949)

KAMINSKIY, E.Ya. [Kaminski, E.]

Changes in the biochemical and technological properties of
flour occurring during milling. Biokhim. zav. i khlebopеч.
no.7:117-138 '64.

(MIRA 17:9)

I. Vysshaya sel'skokhozyaystvennaya shkola, kafedra sel'sko-
khozyaystvennoy tekhnologii, Poznan, Pol'skaya Narodnaya
Respublika.



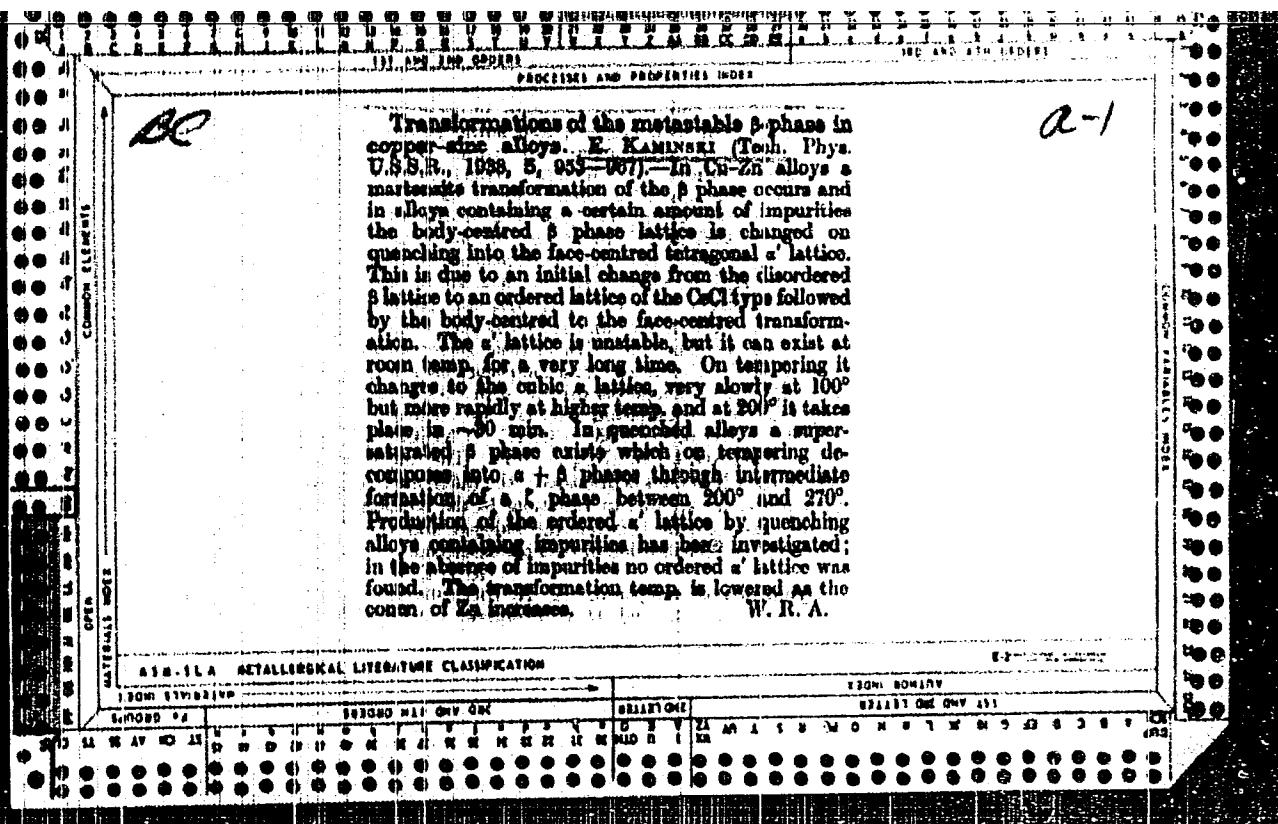
*On the Non-Diffusion Transformation of the β -Phase in Copper-Zinc Alloys. E. Kamjukhov and G. Kurnikumov (*Zurnal Tekhnicheskoy Fiziki (J. Tech. Physics)*, 1959, v. 6, p. 864-868). - [In Russian.] Non-diffusion transformations exist in solid solutions of copper-zinc alloys. The transformation temperature decreases rapidly with increase of zinc content. On quenching

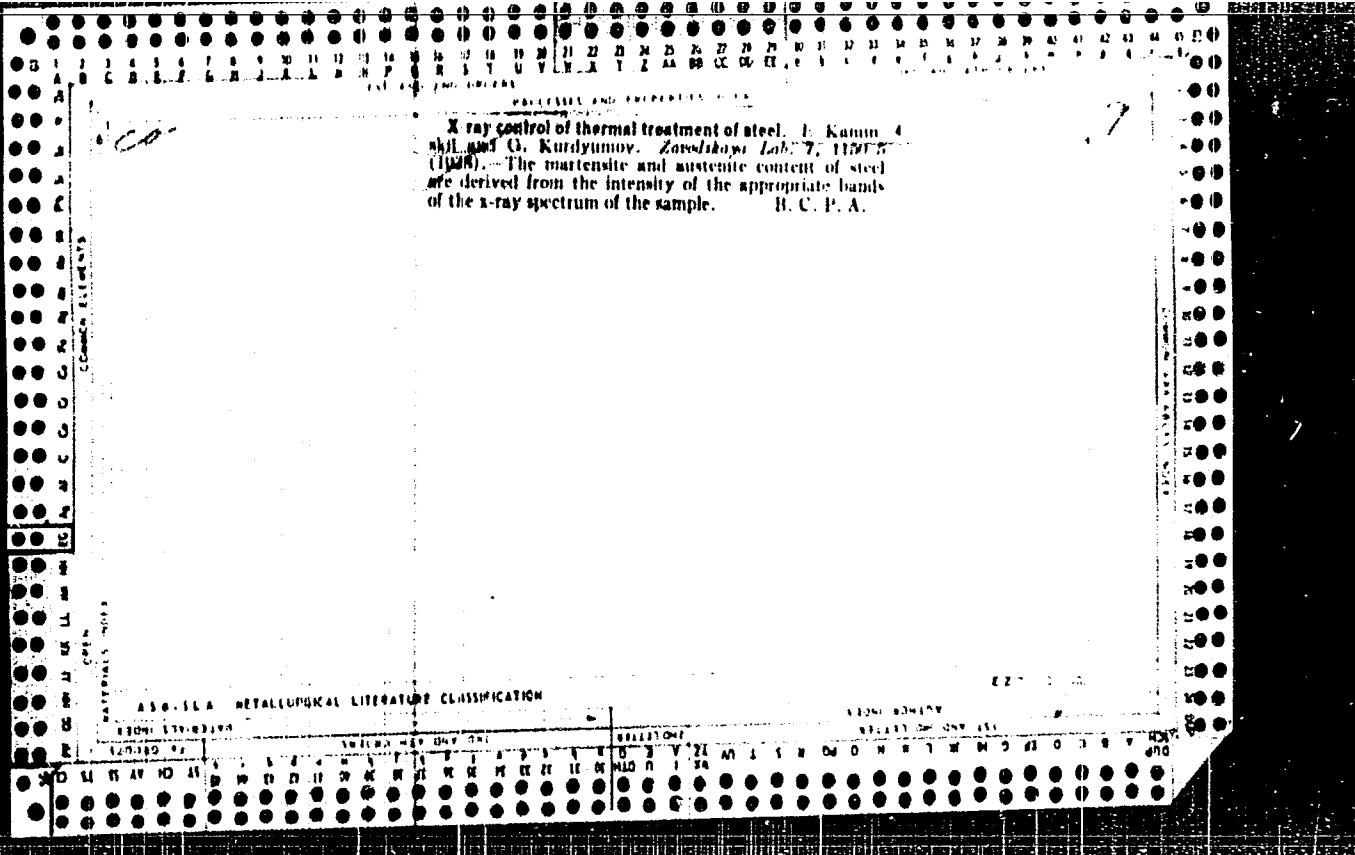
the alloy in a 10% sodium hydroxide solution, a new face centred tetragonal space lattice α' with $a = 3.765 \text{ \AA}$, $c = 3.836 \text{ \AA}$, and $a/c = 1.047$ appears. Appearance of the tetragonal space lattice may be explained by assuming that : (1) the heterogeneous β -phase before transformation into α' passes into a homogeneous β -phase; (2) the reconstruction of the space-centred β -lattice into a face-centred one takes place like the transformation of γ -iron into α -iron, and of β -brass into α -brass. The mechanism of the non-diffusion process and the distribution of atoms in the space lattices of homogeneous β and α' are indicated. - N. A.

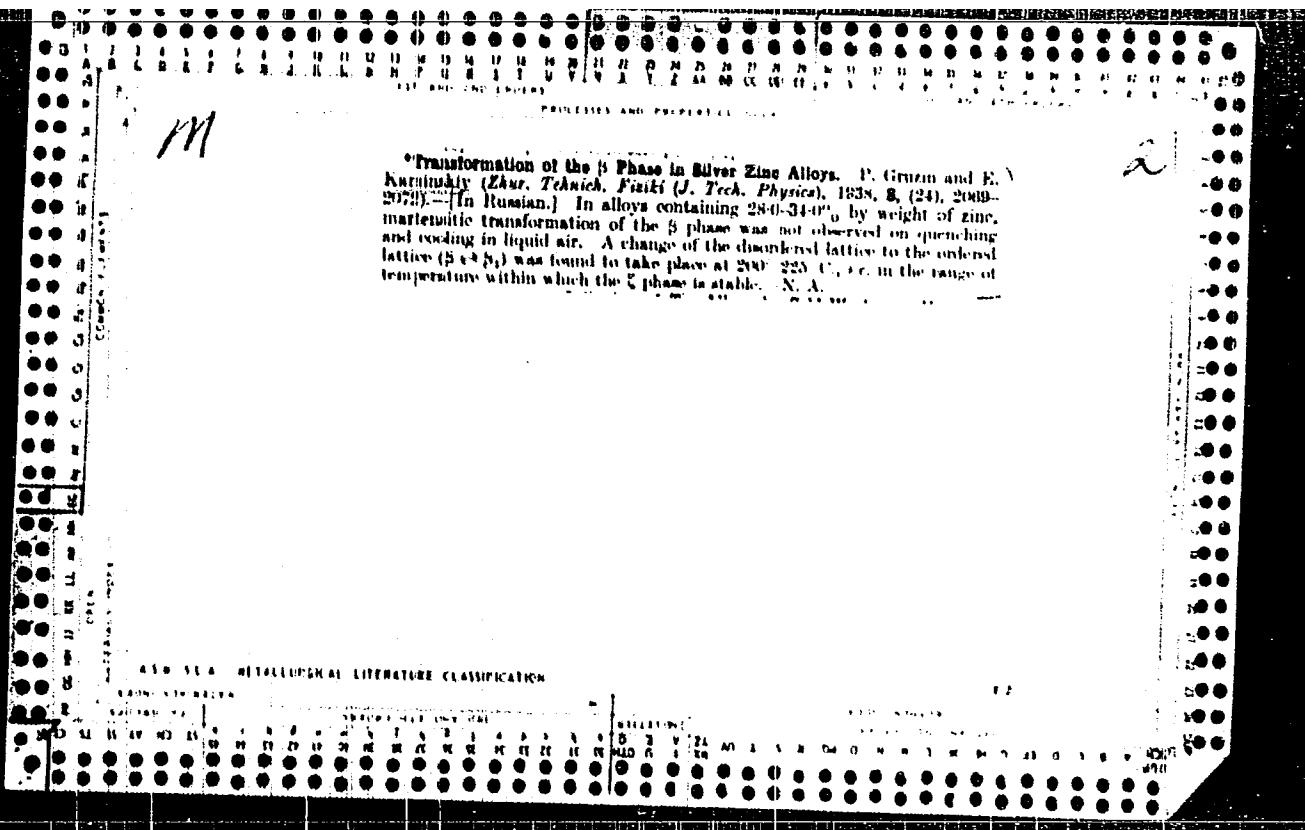
APPENDIX METALLURGICAL LITERATURE CLASSIFICATION

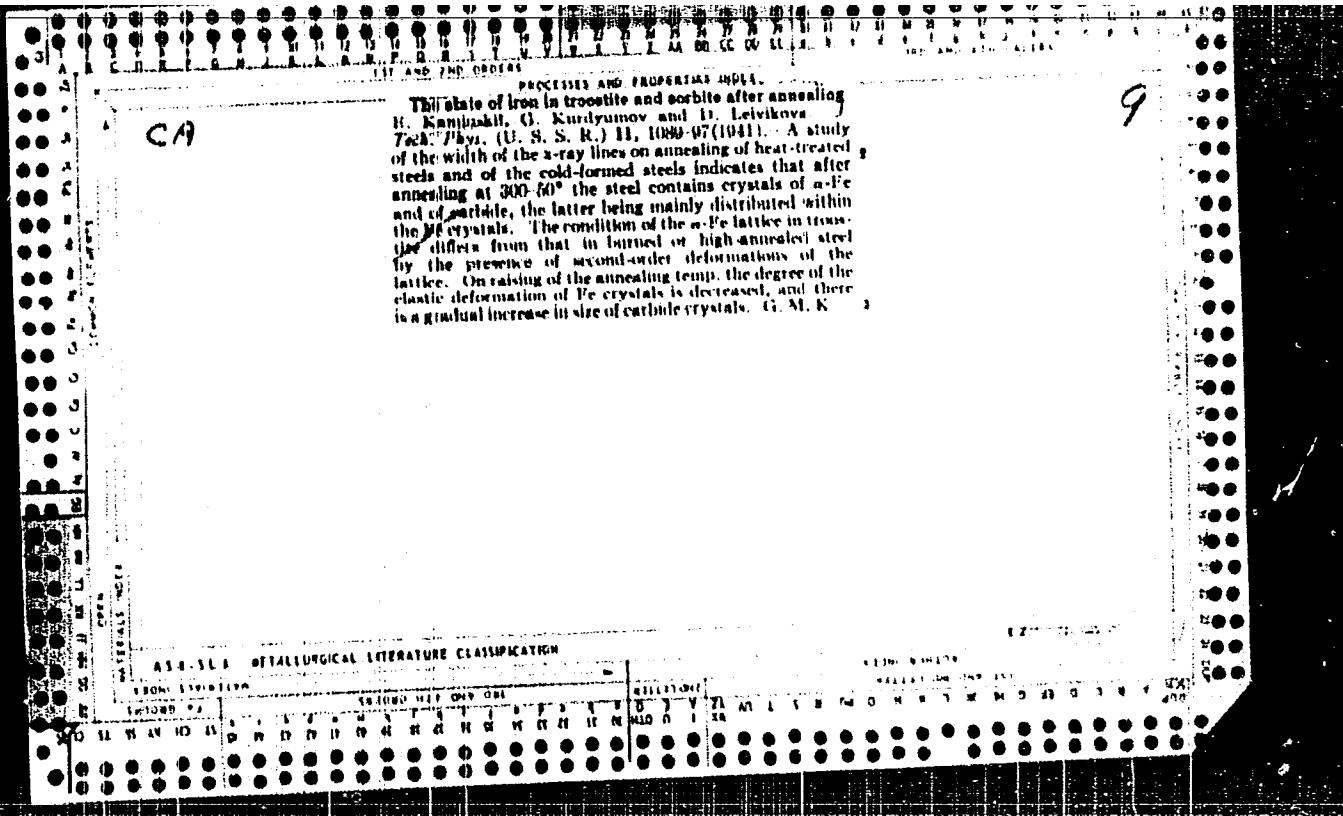
APPROVED FOR RELEASE: 08/10/2001

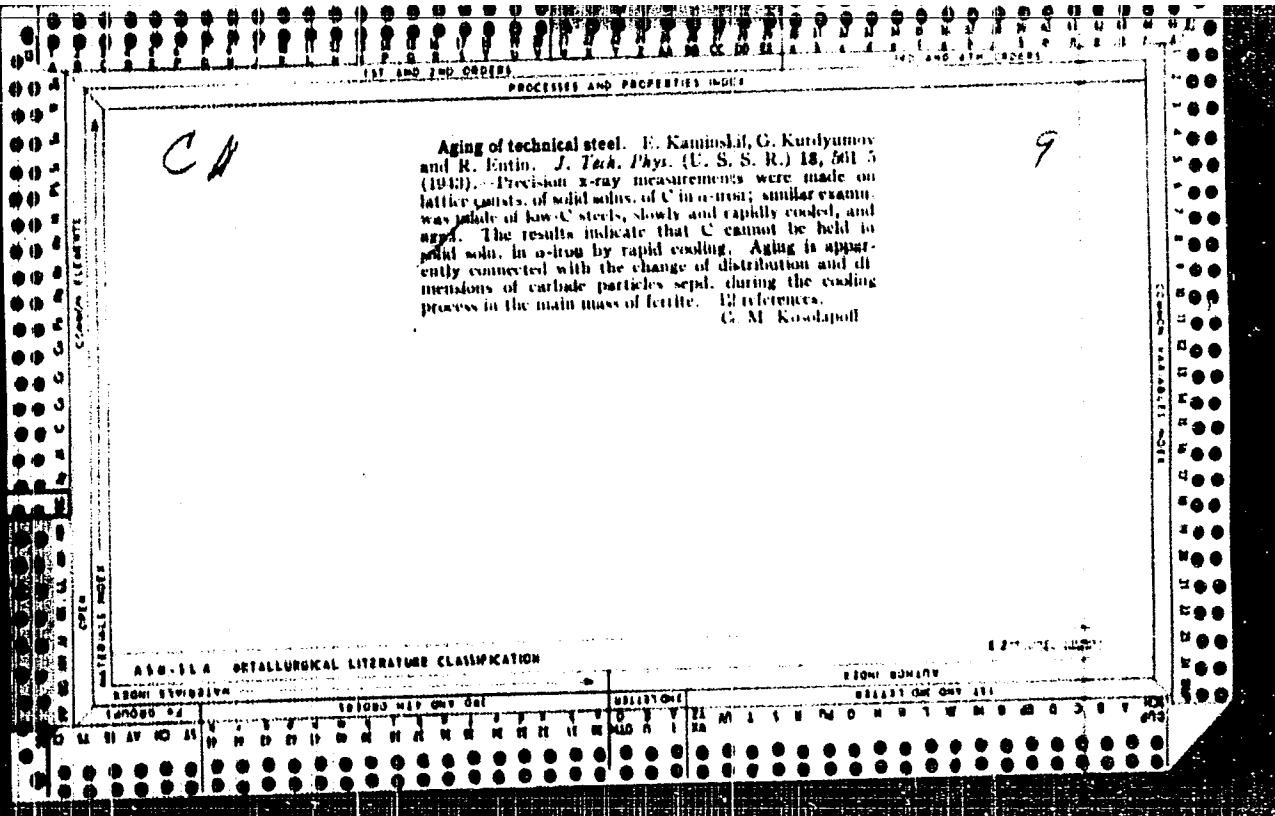
CIA-RDP86-00513R000620310014-4"

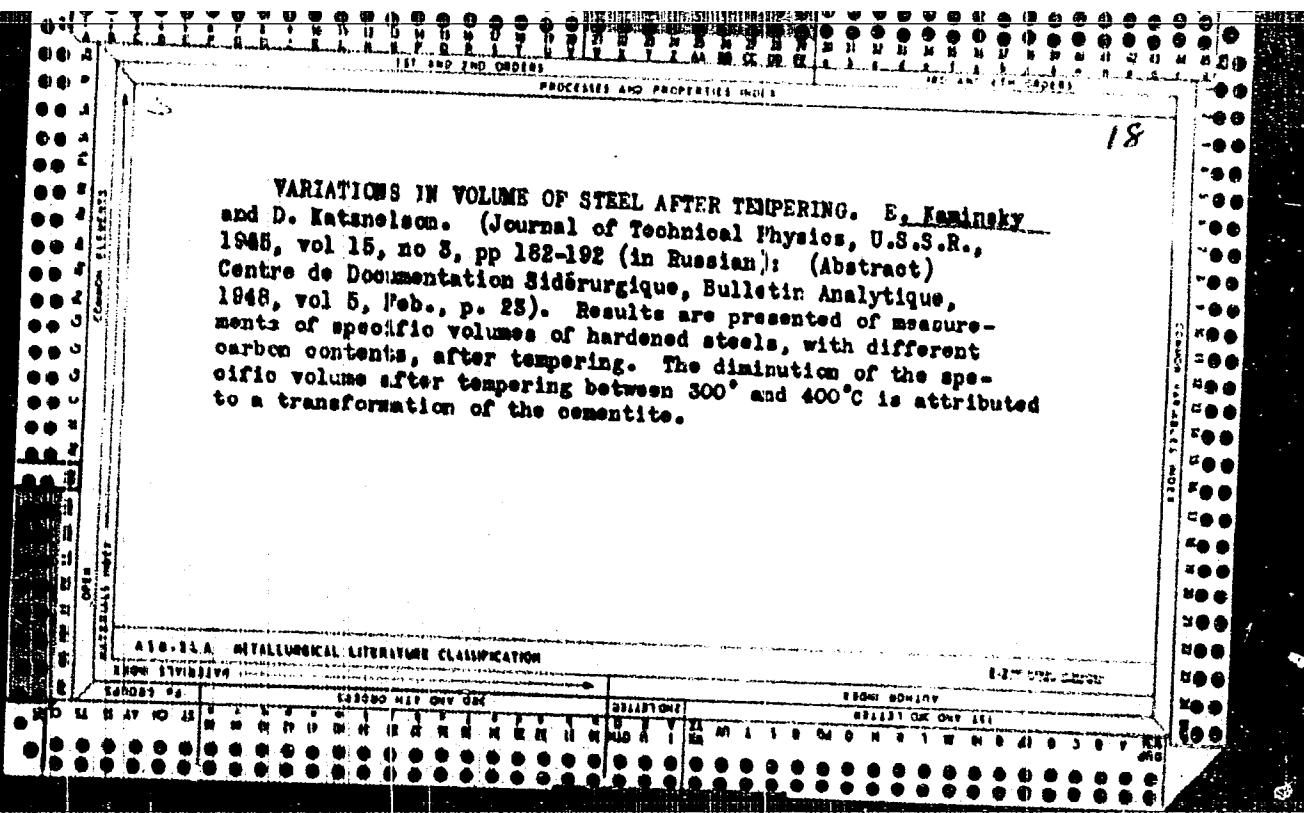












KAMINSKIY, B.Z., kand.fiz.-mat.nauk

Processes of tempering annealed steel. Probl.metalloved.i fiz.
met. no.[1]:17)-191 '49. (MIRA 11:4)

1.Laboratoriya fazovykh prevrashcheniy TSentral'nogo nauchno-
issledovatel'skogo instituta chernoy metallurgii.
(Steel--Heat treatment) (Tempering)

KAMINSKIY, B.Z., kand.fiz.-mat.nauk; STELLETSKAYA, T.I.

Kinetics of martensite dissociation in carbon steel. Probl.
metalloved.i fiz. met. no.[1]:192-210 '49. (MIRA 11:4)

1.Laboratoriya fazovykh prevrashcheniy TSentral'nogo nauchno-
issledovatel'skogo instituta chernoy metallurgii.
(Martensite) (Steel--Heat treatment)

KAMINSKIY, E.Z., kand.fiz.-mat.nauk; PERKAS, M.D.

Studying the structure of hardened low-carbon steel. Probl.metalloved.
i fiz. met. no.[1]:211-224 '49. (MIRA 11:4)

1. Laboratoriya fazovykh prevrashcheniy TSentral'nogo nauchno-
issledovatel'skogo instituta chernoy metallurgii.
(Steel--Metallography)

KAMINSKIY, E. Z.

PA 163T83

USSR/Physics - X-Ray Analysis
Metals - Iron.

Jun 50

"X-Ray Camera for Precise Determination of Lattice Constants at High Temperatures," E. Z. Kaminskiy, T. I. Stelleckaya, Inst of Metal Studies and Physics of Metals

"Zavod Lab" Vol XVI, No 6, pp 691-693

Describes vacuum camera used for measuring constant of α -iron at high temperatures. Construction is based on method of back reflection on flat cassette. Vacuum about 10^{-5} mm Hg may be attained in camera in heating specimens to 800° .

163T83

KAMINSKIY, E.Z., kand. fiz.-mat. nauk; STRELLETSKAYA, T.I.

Investigating carbon solubility in alpha iron by the method of
precision measurement of crystal lattice constants at high
temperatures. Probl. metalloved. i fiz. met. no.2:176-186 '51.

(Iron--Metallography) (Crystal Lattices) (MIRA 11:4)
(Physical measurements)

KAMINSKIY, B.Z., kand. fiz.-mat. nauk; STELLETSKAY, T.I.

Chamber for the precision determination of crystal lattice constants
at high temperatures. Probl. metalloved. i fiz. met. no. 2:240-244
'51.

(Vacuum apparatus) (Crystal lattices)
(Metals at high temperatures)

(MIRA 11:4)

BORZDYKA, A.M., doktor tekhnicheskikh nauk; KAMJNSKIY, E.Z., kandidat fiziko-matematicheskikh nauk; BUYANOV, N.V., kandidat tekhnicheskikh nauk; GENEROZOV, B.A., detsent; GOLOVCHINER, Ya.M., inzhener.

"Properties of materials used in turbine building and methods of testing them." Reviewed by A.M.Borzyka and others. Zav.lab.22 no.4: 511-512 '56. (Metals—Testing) (MIRA 9:?)

KAMINSKIY, Ye.Z.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1245
AUTHOR KUDERJUMOV, G.V., KAMINSKIJ, E.Z., ROZENBERG, V.M.
TITLE The Influence exercised by the Interior Structure of the Austenite
Grain on Strength at Increased Temperature.
PERIODICAL Dokl. Akad. Nauk, 109, fasc.1, 85-87 (1956)
Publ. 7 / 1956 reviewed 9 / 1956

In the present work a solid solution on an iron base containing about 2% nickel and 1% titanium is examined. The direct martensite transformation of this alloy takes place below room temperature, but the inverse transformation ceases at 640°. The samples were homogenized for 8 hours at 1000° after melting and forging. After the aforementioned treatment the samples had austenite structure, and their state depends on working temperature. The endurance strength was tested at 700° in an argon atmosphere by tension. As a result, the dependence of endurance strength on the connected tension and on the temperature during preliminary treatment is obtained, and herefrom also the tensions necessary for a fracture of the sample after 100 hours. Furthermore, short tests of breaking strength were carried out at 700°, on which occasion the following results were obtained: The higher the temperature of annealing after the martensite transformation, the lower is the strength limit and the larger the endurance limit of stress, i.e. the tension necessary to bring about a fracture after 100 hours. X-ray examination supplied information concerning the state of the crystals

KAMINSKIY, E.Z.

137-58-5-10583

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 244 (USSR)

AUTHORS: Kaminskiy, E.Z., Travina, N.T.

TITLE: Effect of Alloying Elements on the Kinetics of Recrystallization of Nickel and Chromium-nickel Alloys (Vliyaniye legiruyushchikh elementov na kinetiku rekristallizatsii nikelya i nikel'-khromovykh splavov)

PERIODICAL: V sb.: Issled. po zharoprochn. splavam. Vol 2. Moscow, AN SSSR, 1957, pp 158-162

ABSTRACT: A study is made of the effect of alloying elements on the kinetics of the recrystallization (R) of Ni and Ni-Cr alloys with the purpose of defining the tendency of these materials to soften at elevated temperatures. Determination of onset of R was by X-ray, i.e., by the appearance of spots on X-rays taken in Fe and Cr irradiation in cylindrical tubes of 57.3 mm diam. Cr irradiation was employed for alloys containing significant amounts of Cr. The Ni contents of the alloys varied from 64 to 99%. The composition of most of the binary alloys was determined on the basis of addition of 1-2 atomic % of the alloying element. The alloys were smelted in a 5-kilogram high-frequency furnace and were

Card 1/2

137-58-10583

Effect of Alloying Elements (cont.)

poured as bars. These were then cold-rolled to strips of 5 mm thickness. The binary alloys were all subjected to 66% deformation, while the ternary and more complex alloys were subjected to 20% reduction. Specimens measuring 15x8x5 mm were made from the strips, and were heated to 400 to 950°C. The specimens were etched in a mixture of HNO₃ and perhydrol before X-ray. It is shown that elements such as Ti and W raise the R temperature of Ni. Within the interval investigated, Fe and Al do not affect the R temperature of Ni. Addition of up to 1.5 atomic % Mo has no effect, but greater concentrations raise the R temperature. Addition of Cr of up to 2 atomic % reduces the R onset temperature of Ni, but further increase in Cr content causes the R temperature to rise significantly. When up to 60 atomic % Co is added to Ni, the R temperature diminishes significantly, a particularly pronounced diminution being observed at Co strengths of up to 3 atomic %. A study of the kinetics of the R of Ni-Cr alloys with various additions shows that the R temperature is lower in alloys with higher C contents. Addition of Al in the quantities investigated (up to 4%) does not affect the R temperature. The highest R onset temperature is shown by alloys with joint additions of Ti, W, and Mo.

1. Nickel alloys--Crystallization 2. Chromium nickel alloys
--Crystallization 3. Alloys--Metallurgical effects

L.G.

Card 2/2

KAMINSKIY, E.Z.; ROZENBERG, V.M.

Investigating heat resistance in solid solutions. Issl, po
zahropr. splav. 2:34-43 '57. (MIRA 11:2)
(Solutions, Solid)
(Heat-resistant alloys)

SOV/137-58-8-17733

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 220 (USSR)

AUTHORS: Kaminskiy, E. Z., Rozenberg, V. M., Travina, N. T.

TITLE: A Study of the Kinetics of Recrystallization of Cr-Ni-Co Alloys
(Izuchenie kinetiki rekristallizatsii khromo-nikel'-kobal'tovykh
splavov)

PERIODICAL: V sb.: Issled. po zharoprochn. splavam, Vol 2. Moscow,
AN SSSR, 1957, pp 181-185

ABSTRACT: Investigations performed dealt with the influence of the composition of Cr-Ni-Co alloys on the temperature of recrystallization (R). Tests were carried out on three series of alloys (A) in which the ratio of the Co-Ni content (expressed in atom %) was 3:7, 1:1, and 7:3. Certain A with this base were supplemented by Ti, Al, W, Mo, Fe, and C. After smelting in a high-frequency induction furnace, the A were subjected to cold rolling with a degree of reduction of ~ 73%. However, owing to considerable difficulties in rolling, certain A were deformed only by approximately 20%. Specimens for X-ray analysis were prepared from strips of the rolled material. The X-ray studies demonstrated that all ternary Cr-Ni-Co

Card 1/2

SOV/137-58-8 17733

A Study of the Kinetics of Recrystallization of Cr-Ni-Co Alloys

alloys belonged in the category of a homogeneous solid solution. For the purpose of studying the kinetics of R, specimens were subjected to annealing at temperatures of 450-900°C for various periods of time. The R temperatures were determined by X-ray means, namely, by the appearance of separate dots on the diffraction patterns. For every series of A the temperature corresponding to the onset of R is shown to increase with increasing concentrations of Cr, whereas the ratio of Ni and Co manifests itself differently at different concentrations of Cr. In the case of an A containing 10% Cr, the R temperature is practically independent of the Ni-Co ratio. At a 20% Cr content, highest R temperature is observed in the A with a Co-Ni ratio of 1:1; the next lower R temperature is exhibited by the A with a Co-Ni ratio of 7:3, followed by the A with a Co-Ni ratio of 3:7. At a 30% Cr content, the alloys with Co-Ni ratios of 3:7 and 7:3 exhibit an identical R temperature which is somewhat higher than that of the A with a 1:1 Co-Ni ratio. It has been established that alloys containing additions of W and Mo, either separately or concurrently, exhibit higher R temperatures than alloys containing no such additives. Addition of Ti and Al also increases the temperature of the onset of R. Addition of Fe in amounts of 5-10% exerts practically no influence on the R temperature of Cr-Ni-Co alloys.

1. Chromium-cobalt-nickel alloys--Crystallization 2. Chromium-Card 2/2 cobalt-nickel alloys--X-ray analysis 3. Chromium-cobalt-nickel alloys--Temperature effects 4. Chromium-cobalt-nickel alloys--Test results

SOV/137-58-7-15689

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 254 (USSR)

AUTHORS: Kaminskiy, E. Z., Rozenberg, V. M., Travina, N. T.

TITLE: Effect of Alloying Elements on the Kinetics of the Recrystallization of Nickel and Nickel-chrome-cobalt Alloys (Vliyaniye legiruyushchikh elementov na kinetiku rekristallizatsii nikelya, nikel'khromokobaltovykh splavov)

PERIODICAL: Sb. tr. In-t metalloved. i fiz. metallov Tsentr. n.-i. in-ta chernoy metallurgii, 1958, Vol 5, pp 503-513

ABSTRACT: An X-ray determination was made of the temperature at which recrystallization begins during treatment, $t_{b.r.}$, of the nickel-base alloys, Ni-Co, Ni-Cr, and Ni-Cr-Co with additions of Fe, Al, Mo, W, and Ti (blank space left in Russian original, Transl. Ed. Note) rolled and annealed at 400-950°C during 1-10 hrs. Graphs of the relationship of the time of recrystallization to the annealing temperature and the composition of the alloys are adduced. For binary alloys it is indicated that Fe and Al have no effect on $t_{b.r.}$; Co lowers $t_{b.r.}$; up to 2 atom % Cr lowers $t_{b.r.}$; higher Cr concentrations increase $t_{b.r.}$; Mo, W, and Ti

Card 1/2

SOV/137-58-7-15689

Effect of Alloying Elements on the Kinetics (cont.)

increase the $t_{b.r.}$ of Ni. In the case of ternary and more complex alloys the relationship of $t_{b.r.}$ to the composition of the alloys becomes more complicated.

A. B.

- 1. Nickel alloys--Crystallization
- 2. Alloys--Metallurgical effects
- 3. Nickel alloys--Heat treatment
- 4. Nickel alloys--X-ray analysis

Card 2/2

SOV/126-6-6-11/25

AUTHORS: Kaminskiy, E.Z. and Rozenberg, V.M.

TITLE: Study of the Influence of Dissolved Carbon on the Recrystallisation and the Long-duration Strength of an Iron-Nickel-Manganese Solid Solution (Izuchenije vliyanija rastvorennoj ugleroda na rekristallizatsiyu i dlitel'nyu prochnost' zhelezonikel'margantsevogo tverdogo rastvora)

PERIODICAL: Fizika Metallov i Metallovedeniye, 1958, Vol 6,
Nr 6, pp 1036 - 1039 (USSR)

ABSTRACT: In the work described in this paper, the authors determined the temperature of the beginning of recrystallisation and they investigated the dependence of the long-duration strength of nickel-manganese steels on the concentration of the dissolved carbon, the temperature and the stresses. In the investigated steels, the carbon was in the dissolved state and not in the form of carbides. All the investigated steels were austenitic and their compositions were as follows:

Card1/3

SOV/126-6-6-11/25

Study of the Influence of Dissolved Carbon on the Recrystallisation
and the Long-duration Strength of an Iron-Nickel-Manganese Solid
Solution

Melt Nr	C %	Mn %	Ni %	Fe %	Heat Treat- ment after forging	Grain size, ball
588	0.05	8.7	15.03	rest	1125 °C-2.5 hrs	6-5
589	0.47	9.5	15.00	"	1100 °C-2 "	6-5
3450	0.95	10	15.00	"	1100 °C-1.5 "	6-5

To exclude the influence of the grain size, each series of specimens was subjected to a heat treatment such that the grain size was the same in all cases (see table above). To eliminate oxidation, specimens were tested in argon atmosphere. The initial crystallisation temperature was determined by the X-ray method after deformation of the specimens by 60%. In Figure 1, the dependence is graphed of the temperature of the initial crystallisation of steels on the concentration of carbon in the solid solution. In Figure 2, the dependence is graphed of the long-duration strength of steels on the concentration of carbon in the solid solution and on the test temperature.

Card2/3

SOV/126-6-6-11/25

Study of the Influence of Dissolved Carbon on the Recrystallisation
and the Long-duration Strength of an Iron-Nickel-Manganese Solid
Solution

In Figure 3, the dependence is graphed of the long-duration strength of one steel on the test temperature. The following conclusions are arrived at: 1) introduction of carbon into iron-nickel-manganese solid solution reduces the initial recrystallisation temperature and thus indicates that the dissolved carbon reduces the resistance of the solid solution to the effects of the temperature; 2) the carbon dissolved in the solid solution brings about an increase in the breaking strength at relatively high deformation speeds and a decrease in the strength at relatively low deformation speeds; the higher the test temperature, the higher will be the deformation speeds at which the advantages of the carbon-free solid solution will manifest themselves; 3) the here described influence of the carbon is apparently due to a decrease in the strength of the interatomic bonds and an increase in the distortion of the lattice of the solid solution. There are 3 figures, 1 table and 11 Soviet references.

ASSOCIATION: TsNIIChM
SUBMITTED: May 6, 1957
Card 373

KAMINSKIY, E. Z.

PHASE I BOOK EXPLOITATION SOV/5525

Bagaryatskiy, Yuriy Aleksandrovich, Doctor of Physics and Mathematics; Yakov Mendelevich Golovchiner; Vera Alekseyevna; Emmanuil Zel'manovich Kaminskiy, Candidate of Physics and Mathematics; Viktor Mikhaylovich Kardonskiy; Vladislava Kazimirovna Kritskaya, Candidate of Physics and Mathematics; Leonid Ivanovich Lysak, Doctor of Technical Sciences; Yuryi Andreyevich Osip'yan; Mark Davydovich Perkas, Candidate of Technical Sciences; Vladimir Moiseyevich Rozenberg, Candidate of Technical Sciences; Naum Isaakovich Sandler, Candidate of Technical Sciences; Nadezhda Trofimovna Travina, Candidate of Physics and Mathematics; and Lev Markovich Utevskiy, Candidate of Technical Sciences.

Rentgenografiya v fizicheskem metallovedenii (Radiography in Physical Metallography)
Moscow, Metallurgizdat, 1961. 368 p. 5,200 copies printed.

Sponsoring Agencies: Gosudarstvennyy nauchno-ekonomicheskiy Sovet SSSR. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii im. I.P. Bardina. Institut metallovedeniya i fiziki metallov.

Ed. (Title page): Yu. A. Bagaryatskiy; Ed. of Publishing House: Ye.N. Berlin; Tech. Ed.: Ye.B. Vaynshteyn.

Card #7

Part III is devoted to x-ray phase analysis to be carried out with the aid of tables included in the appendix. Part IV deals with x-ray studies of steel that has been variously treated by thermal and thermochemical methods. No personalities are mentioned. There are 282 references: 199 Soviet, 56 German, 26 French, 2 English, and 2 French.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000620310014-4"

Card #7

S/032/61/027/006/015/018
B'24/B203

AUTHORS: Kaminskiy, E. Z., and Kogan, L. I.

TITLE: Exchange of experience

PERIODICAL: Zavodskaya laboratoriya, v. 27, no. 6, 1961, 761

TEXT: For studying the intermediate stages in conversions, the authors improved a high-temperature chamber which had been described earlier (Ref. 1: E. Z. Kamirskiy and T. I. Stelletskaya. Problemy metallovedeniya i fiziki metallov, 2, 240 (1951)). The specimen, 1·10·100 mm, was placed in the interspace between the water-cooled copper electrodes, and electrically heated. A transparent foil of непропускаемый ПК-4 (Perfol' PK-4) caprony, 50 μ thick, is stretched over the chamber window, the distance between specimen and film being 45 mm. Exposure time is 20 min. Before operation, the chamber is evacuated and then filled with helium. To prevent bending of the specimen during heating to high temperatures (above 900°C), a 5 μ thick nickel foil is welded to the specimen. The X-ray patterns showed the nickel bands besides those of the steel investigated. By measuring the distance of the nickel bands at a certain temperature, it was also possible to calculate the

Card 1/2

KAMINSKIY, F.

Synthesis of step junctions with a great number of links.
Radiotekhn. i elektron. 10 no.12:2134-2145 D '65.
(MIRA 19:1)

1. Institut avtomatiki Akademii nauk Pol'skoy Narodnoy
Respubliki.

KAMINSKIY, F.

Splitting of a stepped transmission matrix to two factor
matrices. Radiotekh. i elektron. 10 no.11:2000-2009 N '65.
(MIRA 18:11)

1. Institut avtomatiki Akademii nauk Pol'skoy Narodnoy
Respubliki.

KAMINSKIY, F.V.; NESMIKH, G.S.

Age of Kudikan granites (region of the Akatuy ore zone, eastern Transbaikalia). Izv. vys. uchet. zav.; geol. i razv. 7 no.2:
137 'F'64. (MIRA 17:2)

1. Universitet druzhby narodov im. Patrisa Lumumbi.

KAMINSKIY, F.V.; NESMIKH, G.S.; TROFIMOV, N.N.

Age of molybdenum mineralization in the Kudikan ore
manifestation of eastern Transbaikalia. Izv. AN SSSR.
Ser. geol. 29 no.4:85-89 Ap'64. (MIRA 17:5)

l. Universitet durzhby narodov im. P. Lumumby, Moskva.

KAMINSKIY, G.A.; MAYEVSKIY, A.I.

Stator-type electric drive of machines. Sakh.prom. 28 no.4:
17-19 '54. (MLRA 7:7)

1. Sakharnyy zavod im. Karla Libknekhta (for Kaminskiy) 2.Kurskiy
sakhsveklotrest (for Mayevskiy)
(Electric driving)

KAMINSKIY, G.A.

Automatic regulation of voltage. Sakh.prom. 30 no.7:41 Jl '56.
(MLRA 9:11)

1. Sakharnyy zavod imeni Libknekhta.
(Voltage regulators)

KAMINSKIY, G.A.

Remote-controlled liquid level indicator. Sakh. prom. 31 no.10:35-
37 O '57. (MIRA 11:1)

1. Sakharnyy zavod imeni Karla Libknekhta.
(Liquid level indicators)

KAMINSKIY, G.A.

Use of induction sliding clutches in the sugar industry. Sakh.
prom. 38 no.3:31-35 Mr '64. (MIRA 17:4)

1. Kurskiy filial Gosudarstvennogo proyektnogo instituta
"Giprosakhar".

KOZHUKH, V.Ya.; KAMINSKIY, G.P.; RATNER, Yu.Z.

Arrangement for the control of large bell performance in blast furnaces. Metallurg 7 no.6:9-11 Je '62. (MIRA 15:7)

1. Azovskiy staleplavil'nyy zavod im. Sergo Ordzhonikidze v Zhdanove.

(Blast furnaces--Equipment and supplies)

KULIKOV, Ya. P., inzh.; SOROKIN, V. A., doktor tekhn. nauk;
PLISKANOVSKIY, S. T., inzh.; GULYGA, D. V., inzh.;
KAMINSKIY, G. P., inzh.; KOZHUKH, V. Ya., inzh.

Automatic control of thermal conditions in blast furnaces. Met.
1 gornorud. prom. no.1:6-10 Ja-F '63. (MIRA 16:4)

(Blast furnaces)
(Automatic control)

KANDINSKY, G.

Machines for the automatic control of the charge distribution.
Metallurg 10 no.7:21 Jl 1965. (MIRA 18:7)

KAMINSKI, I. N.

Tablitsy dlja nachislenija doplat k zarabotnoi plate rabochikh shakht ugol'nykh basseinov zapadnykh raionov Ministerstva ugol'noi promyshlennosti SSSR [Tables for computing additional payments to workers in the mines of the coal basins of the western districts of the U. S. S. R. Ministry of the Coal Industry]. Gosstatizdat, 1952. 192 p.

SO: Monthly List of Russian Accessions Vol. 6 No. 7 October 1953

KAMINSKIY, I. N.

Tablitsy dlia nachisleniya doplat k zarabotnoi plate rabochikh shakht ugol'nykh basseinov raionov Ministerstva ugol'noi promyshlennosti SSSR [Tables for crediting supplements to wages of mine workers in coal fields of districts of the Ministry of Coal Mining of the U.S.S.R.]. Gosstatizdat, 1953, 192 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 1 April 1954.

KAMTSKII, I. N.

Tablitsy dlja nachislenija doplat k zarabotnoj plate rabochikh shakht ugol'nykh basseinov vostochnykh raionov Ministerstva ugol'noi promyshlennosti SSSR
[Tables for crediting supplements to wages of mine workers in coal fields of eastern districts of the Ministry of Coal Mining of the U.S.S.R.] Gosstatizdat, 1953, 228 p.

SO: Monthly List of Russian Accessions, Vol. 7 No. 1 April 1954.

KAMINSKIY, I.N.

RAIKHER, M.I.; KAMINSKIY, I.N.

[Complex timekeeping in coal mines and pits]. Kompleksnyi khronometrazh na ugol'nykh shakhtakh i kar'erasakh. Moscow, Uglatekhnizdat, 1954. 204 p. (MIRA 8:3D)

KAMINSKIY, I. N.

RAIKHER, M.E., professor; KAMINSKIY, I.N., inzhener; NIKOL'SKIY, V.S.,
redaktor; SUROVA, V.A., redaktor; ANDREYEV, G.G., tekhnicheskij
redaktor.

[Complex time study in coal mines and pits] Kompleksnyi khronometrazh
na ugol'nykh shakhtakh i kar'eraakh. Moskva, Ugletekhnizdat, 1954.
(MIRA 8:5)
203 p.
(Time study)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620310014-4

KAMINSKIY, I., inzhener.

Are miners' shift reports necessary? Mantsuglia 5 no.1:20 Ja '56.
(MLRA 9:5)

(Mine management)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620310014-4"

KAMINSKIY, I.

Shortened workday and a new wage system in Ukrainian mines. Mast.
ugl. 6 no.1:3-4 Ja '57. (MLRA 10:4)

I. Nachal'nik Upravleniya organizatsii truda, tekhnicheskogo
normirovaniya i zarabotnoy platy Ministerstva ugol'noy promysh-
lennosti USSR.

(Ukraine--Coal mines and mining)
(Hours of labor) (Wages)

BARONENKOV, Aleksandr Vasil'yevich; KAMINSKIY, I.N., otvetstvennyy red.;
MIROSHNICHENKO, V.D., red. izd-va; SHKLYAR, S.Ia., tekhn. red.

[Choosing an operating system for mines] Vybor rezhima raboty
gornogo predpriatiia. Moskva, Ugletekhnodat, 1958. 124 p.
(Mine management) (MIRA 11:10)

RAYKHER, Moisey Yefremovich; KAMINSKIY, Iosif Naumovich; SUROVA, V.A.,
red.izd-va; KOROVENKOVA, Z.A., tekhn.red.

[Work-time study in mines] Issledovanie rabochego vremeni na
shakhtakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu
delu, 1960. 226 p.

(MIRA 13:7)

(Time study) (Coal mines and mining)

GRINER, Aleksandr Semenovich; BAKIYA, O.N., dotsent, kand.tekhn.nauk,
retsensent; NAUMENKO, K.D., prof., doktor ekonom.nauk, retsensent;
KAMINSKIY, I.N., inzh., otd.red.; SUROVA, V.A., red.izd-va;
SADITOV, A., tekhn.red.

[Technical standardization in mining] Tekhnicheskoe normirovaniye
gornykh rabot. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu
delu, 1960. 287 p. (MIRA 14:4)
(Mining engineering)

KUZ'MICH, A.S., ovt.red.; KHARCHENKO, A.K., kand.tekhn.nauk, red.; ASTAKHOV, A.S., kand.ekonom.nauk, red.; KAMINSKIY, I.N., gornyy inzh., red.; Surova, V.A., red.izd-va; KONDRAT'YEVA, M.A., tekhn.red.

[Improving coal mining technology and equipment] Sovremenstvo-vanie tekhniki i tekhnologii dobychi uglia. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 332 p. (MIRA 13:3)

1. Institut gornogo dela AN SSSR (for Kharchenko, Astakhov, Kaminskiy).

(Coal mines and mining)

BUCHNEV, V.K., prof., doktor tekhn. nauk; KALININ, R.A., dotsent; KORABLEV, A.A., kand. tekhn. nauk; MONIN, G.I., inzh.; BELYAYEV, V.S., kand. tekhn. nauk; MERKULOV, V.Ye., inzh.; ALEKSEYENKO, V.D., inzh.; IL'SHTEYN, A.M., kand. tekhn.nauk; GELESKUL, M.N., kand. tekhn.nauk; KOBISHCHANOV, M.A., kand. tekhn.nauk; DOBROVOL'SKIY, V.V., kand. tekhn. nauk; MALYSHEV, A.G., inzh.; VOROPAYEV, A.F., prof., doktor tekhn. nauk; LIDIN, G.D., prof., doktor tekhn.nauk; TOPCHIYEV, A.V., prof.; VEDERNIKOV, V.I., kand. tekhn.nauk; KUZ'MICH, I.A., kand. tekhn. nauk; LEYTES, Z.M., inzh.; SYSOYEVA, V.A., kand. tekhn. nauk; MELAMED, Z.M., kand. tekhn.nauk; CHERNAVKIN, N.N., inzh.; KARFILOVICH, M.Sh., inzh.; MEL'KUMOV, L.G., inzh.; BOGOPOL'SKIY, B.Kh., inzh.; FROLOV, A.G., doktor tekhn.nauk; KHVOSTOV, F.K., inzh.; BAGASHEV, M.K., kand. tekhn. nauk; KAMINSKIY, J.N., inzh.; PETROVICH, T.I., inzh.; ZHUKOV, V.V., red.; LOMILINA, L.N., tekhn. red.; PROZOROVSKAYA, V.L., tekhn. red.

[Mining engineers' handbook] Spravochnik gornogo inzhenera.
Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960.
(MIRA 14:1)

(Mining engineering—Handbooks, manuals, etc.)

ZVYAGIN, P. Z.; kand.tekhn.nauk; KAMINSKY, I.N., inzh.; POLYAKOV, N.V.;
KHARCHENKO, A.K., kand.tekhn.nauk

For a further upswing of labor productivity in mines of the
Rostovugol' Combine. Ugol' 35 no.11:13-17 N '60. (MIRA 13:12)

1. Glavnnyy inzhener kombinata Rostovugol'.
(Donets Basin--Coal mines and mining--Labor productivity)

KAMINSKIY, Iosif Naumovich; GOLUBYATNIKOVA, G.S., red.izd-va; SABITOV, A.,
tekhn. red.

[Wages and work organization in mines] Zarabotnaia plata i organi-
zatsiya truda na shakhtakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-
ry po gornomu delu, 1961. 174 p.
(MIRA 14:12)
(Wages--Coal mines and mining)

BOGACHEK, L.; KAMINSKIY, I.

Work organization in coal mine development work and stoping
operations. Biul.nauch.inform.: trud i zar.plata 5 no.11:66-
71 '62. (MIRA 15:12)

(Coal mines and mining)

KAMINSKIY, I.N., kand. ekonom. nauk

Scientific method of work organization and production standards in
the coal industry. Ugol' 40 no.6:51-56 Je '65. (MIRA 18:7)

1. Institut gornogo dela im. A.A.Skochinskogo.

KAMINSKIY, I.N., kand. ekonom. nauk; LABKOVSKIY, B.Ye., kand. ekonom. nauk; FETEROVICH, I.I., kand. tekhn. nauk; PINSKIY, S.Ye., inzh.; TYURKINA, N.I., inzh.; KHODOS, G.I., inzh.; KHELEMENDIK, V.G., inzh.; LERNER, Yu.I., inzh.

Problem of a standard structure of management, standard staffs, and norms on the number of engineers, technicians and employees in coal mines. Ugol' 40 no.8:60-65 Ag '65.

(MIRA 18:8)

1. Institut gornogo dela im. A.A. Skochinskogo (for all except Khodos, Khelemendik, Lerner). 2. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut (for Khodos, Khelemendik'). 3. Gosudarstvennyy institut po proyektirovaniyu shakht v yuzhnykh rayonakh SSSR (for Lerner).

USSR / Soil Science. Cultivation. Improvement. Erosion.

J-5

Abs Jour : Ref: Zhur - Biologiya, No 17, 1958, No. 77459

Author : Kaminskiy, I. Ya.
Inst : Not given

Title : Tasks of Rational Utilization of Water During Irrigation
and During the Application of the Newest Achievements of
Science and Advanced Experiment

Orig Pub : Materialy po proizvodstv. silam Uzbekistana, 1956, vyp. 5,
7-12

Abstract : No abstract given

Card 1/1

KAMINSKIY, I. Ya.

Chardara Reservoir on the Syr Darya River. Mat. po proizv. sil.
Uzb. no.15:371-375 '60.
(MIRA 14:8)

1. Sredneasylatskiy politekhnicheskiy institut.
(Chardara Reservoir)

KAMINSKIY, I.Ya.; SEMENIDO, V.I.

Covering peak loads in the Tashkent electric power system.
Izv. AN Uz. SSR. Ser. tekhn. nauk 7 no.4:75-76 '63.

(MIRA 16:11)

KAMINSKIY, K.D.

Drawbacks in the operation of steam boilers using fuel oil
and means of eliminating them. Sakh.prom. 33 no.9:53-54
S '59. (MIRA 13:1)

1. Berdichevskaya gruppovaya laboratoriya.
(Boilers.)

Kaminskiy, L.

AUTHOR: Kaminskiy, L., Novozhilov, V., Novosel'skiy, N. 2-1-7/9

TITLE: A Manual on the General Theory of Statistics (Kurs obshchey teorii statistiki) by Kozlov, T.I., Ovsyenko, V.Ye., Savinskiy, D.V., and Smirnitskiy, V.I.

PERIODICAL: Vestnik Statistiki, 1958, # 1, p 68-76 (USSR)

ABSTRACT: A team is reviewing a text-book on the theory of statistics published in 1956 by the Moscow University and approved by the Main Administration of Universities and Economical and Juridical Vuzes of the USSR Ministry of Higher Education (Glavnoye upravleniye universitetov, ekonomicheskikh i yuridicheskikh vuzov Ministerstva vysshego obrazovaniya SSSR) as a valid text-book for use in economical institutes and faculties.

Nevertheless the text-book is criticized negatively. Only a few subjects are dealt with in a satisfactory way, but on the whole the work does not meet the standard of a good text-book. Many essential statistical questions are not mentioned at all, nothing was said about the organization of statistics in people's democracies, in capitalistic countries and about international statistical organizations. Other statistical problems are treated either too short or superficially. The important role of the Russian statisticians in the history of

Card 1/2

KAMINSKIY, L.; VASIL'YEV, I.; SHCHERBAKOVA, O., neshtatnyy korrespondent
(Leningrad); NAGAYTSEVA, Z.

Quality, economy, culture. Mest.prom.i khud.promys. 4 no.2:2-6
F '63. (MIRA 16:2)

1. Starshiy inzhener upravleniya bytovogo obsluzhivaniya Gosu-
darstvennogo komiteta Soveta Ministrov RSFSR po delam mestnoy
promyshlennosti i khoduzhestvennykh promyslov (for Nagaytseva).

KAMINSKIY, L.; OGANDZHANYAN, S.

Production management by workers. Mest.prom.i khud.promys. 3
no.7:10-11 Jl '62. (MIRA 15:8)

1. Nachal'nik otdela truda i zarabotnoy platy upravleniya bytovogo i komminal'nogo obsluzhivaniya Ispolnitel'nogo komiteta Moskovskogo gorodskogo Soveta deputatov trudyashchikhsya (for Kaminskiy).
2. Predsedatel' komissii sodeystviya postoyanno deystvuyushchikh proizvodstvennykh soveshchaniy g. Yerevan (for Ogandzhanyan).
(Employees' representation in management)

KAMINSKIY, I. A.

"The Role of Sanitary Statistics in Complex Hygienic Studies."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

KLIMOVITSKIY, A.M.; KRYUCHKOV, V.V.; ERLIKH, G.M.; SAPILOVA, A.V.,
retsenzent; KAMINSKIY, I.M., retsenzent; MISHUSTINA, H.F.,
red.; POLYAKOV, R.M., red.; SINICHENKO, I.M., red.;
RYABOVA, L.N., tekhn. red.

[Mechanization and automatic control of car exchange complexes]
Mekhanizatsiya i avtomatizatsiya kompleksov obmena vagonetok.
Moskva, 1962. 55 p. (MIRA 16:8)

1. Moscow. TSentral'nyy institut informatsii tsvetnoy metal-
lurgii.
(Mine railroads--Cars) (Automatic control)

FLYUGACHEV, Vitaliy Kuz'mich [Pliuhachov, V.K.]; POKATAYEV, A.I.
[Pokataiev, A.I.], spets.red.; KAMINSKIY, L.N. [Kamins'kyi,
L.N.], red.; ZAMAKHOVSKIY, L.S. [Zamakhovs'kyi, L.S.].
tekhn.red.

[Problems in the efficient supplying of electricity to rural
areas] Pytannia ratsional'noho elektropostachannia sil's'kykh
raioniv. Kharkiv, Kharkiv's'ke knyzhkove vyd-vo, 1959. 91 p.
(MIRA 13:4)

(Rural electrification)

KUZ'MIN, Vladimir Nikolayevich [Kuz'min, V.M.]; KAMINSKIY, L.N. [Kamins'kyi, L.N.], red.; LIMANOVA, M.I. [Lymanova, M.I.], tekhn.red.

[Urgent objectives of trade-union organizations] Nevidkladni zavdannia profspilkovoi organizatsii. Kharkiv, Kharkiv's'ke knyzhkovye vyd-vo, 1959. 19 p. (MIRA 13:4)

1. Zastupnik golovi zavkому profspilki velosipednogo zavodu (for Kuz'min).
(Trade unions) (Efficiency, Industrial)

PAKHUCHIY, Vasiliy Moiseyevich [Pakhuchyi, V.M.], kand.sel'skokhez.nauk;
KAMINSKIY, L.N. [Kamins'kiy, L.N.], red.; LIMANOVA, M.I.,
TsKhKh.RUD.

[How to prepare high quality silage] IAK pryhotuvaty sylos
vysokoi iakosti. Kharkiv, Kharkiv's'ke knyzhkove vyd.-vo, 1961.
86 p. (MIRA 15:2)

(silage)

KAMINSKIY, L.N.[Kamins'kyi, L.M.], red.; SHEVCHENKO, M.G.
[Shevchenko, N.H.], tekhn. red.

[Brigades of communist labor in villages] Brygady komu-
nistichnoi pratsi na seli. Kharkiv, Kharkiv's'ke knyzhkove
vyd-vo, 1961. 87 p. (MIRA 15:4)
(Ukraine--Farm mechanization)

KAMINSKIY, L.N., red.; LIMANOVA, M.I., tekhn. red.

[Competition and friendship; Khar'kov, Belgorod, Poltava]
Sorevnovanie i druzhba; Khar'kov, Belgorod, Poltava.
Khar'kov, Khar'kovskoe knizhnoe izd-vo [etc.] 1962. 117 p.
(MIRA 15:12)
(Ukraine—Agriculture)

ZABRODIN, D.M., kand.istorich.nauk; KALYUZHNAIA, N.K.; MAYSTRENKO, L.F.;
MYSNICHENKO, V.P.; PAKHNIN, Ye.I.; SHAPOVAL, A.P.; VASHCHENKO, G.I., red.;
KAMINSKIY, L.N., red.; LIMANOVA, M.I., tekhn.red (MIRA 16:6)

[Work and live the communist way, 1958-1962] Rabotat' i zhit' po
komunisticheski; 1958-1962. Sbornik dokumentov i materialov.
Khar'kov, Khar'kovskoe knishhnoe izd-vo, 1963. 250 p.
(MIRA 16:6)

1. Komunisticheskaya partiya Ukrayiny. Khar'kovskiy
oblastnyy komitet. Partiynyy arkhiv.
(Kharkov--Efficiency, Industrial)

GURKIN, Georgiy Antonovich, inzh.; MINUKHIN, Viktor Savel'yevich,
tekhnik; KAMINSKIY, L.N., red.; LIMANOVA, M.I., tekhn.
red.

[Establishing norms for tractor work] Normirovaniye traktor-
nykh rabot. Khar'kov, Khar'kovskoe knizh. izd-vo, 1961. 67 p.
(MIRA 16:6)

(Tractors) (Agriculture--Production standards)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620310014-4

Cord 172

I 41509-65

ACCESSION NR; AR5018895

fifth chapter is devoted to methods of comparing relative values. In the sixth

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620310014-4"

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620310014-4

ML
Card 4/2

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000620310014-4"

KAMINSKIY, L. S.

DECREASED
1962

1963/14

Medicine
Public Health

LIUBIMOV, S. A., KAVINSKY, L. Yu.

Conveying Machinery

Semiautomatic single-tray conveyor for pattern sections of preparatory shops.
Leg. prom., 12, No. 7, 1952.

2

9. Monthly List of Russian Accessions, Library of Congress, November 1958. Unclassified.

KAMINSKIY, M.; PAYVUSOVICH, A.

Mechanizing transportation of freight within food stores.
Sov.torg. no.10:22-23 O '57. (MIRA 10:11)
(Freight and freightage)

KAMINSKIV, M., inzh.

The "adamant" surrenders to men. IUn.tekh. 6 no.12:17-20 D '61.
(MIRA 14:12)

(Diamonds, Industrial)

KAMINSKIY, M.; TSESARKIN, L.

Training store. Sov. torg. 35 no.5:27-31 My '62. (MIRA 15:5)
(Moscow--Shoe industry)

KAMINSKIY, M.D.

Deceased

Electrical Engineering

See ILC

IOSTKOVSKIY, Aleksandr Arturovich; KAMINSKIY, Matvey Fedorovich;
RABKINA, Ninel' Yefimovna; LYUBARSKIY, A.V., red.; SYDAK,
D.M., tekhn.red.

[Vending machines] Torgovye avtomaty. Moskva, Gos. izd-vo
torgovoi lit-ry, 1958. 126 p. (MIRA 11:12)
(Vending machines)

AUTHOR: Kamin'skiy, M.G.

SOV/51-6-1-19/30

TITLE: On the "Ballistic" Method of Investigation of Phosphorescence Decay
(K voprosu o "ballisticheskom" metode issledovaniya zatukhaniya
fosforestantsi)

PERIODICAL: Optika i Spektroskopiya, 1959, Vol 6, Nr 1, pp 103-106 (USSR)

ABSTRACT: The author criticizes the "ballistic" method of study of phosphorescence decay, developed by B.A. Pyatnitskiy. Pyatnitskiy measured the emission intensity by means of a photocell and a critically damped mirror galvanometer. After a time t_1 (e.g. 1 sec) from the moment when excitation ceased light from the phosphor was directed onto the photocell and the maximum galvanometer throw was measured. This was repeated after another time interval t_2 (e.g. 2 sec since the end of excitation) and so on. It was assumed that the galvanometer throw was proportional to the light-sum at the end of each second. The present author points out that the "ballistic" galvanometer theory shows that the throw is proportional to the charge received only if the duration of the charge pulse is less than $0.7 T_c$, where T_c is the period of free vibrations of the galvanometer (Ref 1). If light decays exponentially ($i = i_0 e^{-kt}$, where t = time), then the duration of the pulse does not in practice

Card 1/2

SOV/51-6-1-19/30

On the "Ballistic" Method of Investigation of Phosphorescence Decay

exceed τ/k and in this time the light will decay by a factor of 1000. It follows that for the galvanometer throws to be ballistic, the following inequality must be obeyed: $\Delta \gg 100/T_0$. Pyatnitskiy, Vishnevskiy and Terlyakov (Refs 2-4) used the galvanometer for values of $\Delta \leq 100/T_0$. Under such conditions the ballistic throws are no longer proportional to the light-sum at the end of each second. The present author criticizes also the assumption of proportionality of the galvanometer throw and the light-sum in cases where the decay is no longer exponential. An appendix gives the author's derivation of the ballistic galvanometer throws and their relationship with intensity of phosphorescence. There are 2 tables and 17 Soviet references.

SUBMITTED: June 16, 1953

Card 2/2

KAMINSKIY, M.G.

Some problems of the galvanometer theory arising in the use of this
instrument for phosphoroscopic measurements. Opt.i spektr. 10
no.5:667-672 My '64. (MIRA 14:8)
(Phosphorescence) (Photoelectric measurements)
(Galvanometer)

EAMINSKIY, M.I., dotsent

Analytic determination of radii of curvature in any points of the
cam profile in cam gears. Trudy MIMESIH 4 no.1:58-72 '59.
(MIRA 13:10)
(Cams)

KAMINSKIY, M.I., dots.; KOROBOV, M.S.; STREBKOV, M.S.; VASNETSOVA, A.A.

Prospective complications in appendectomies and herniorrhaphies.
Nov.khir.arkh. no.1:67-70 '62. (MIRA 15:8)

I. Kafedra organizatsii zdravookhraneniya, kafedra khirurgii
Ukrainskogo instituta usovershenstvovaniya vrachey i 2-ya
bol'nitsa g. Khar'kova.
(APPENDECTOMY) (HERNIA)

KAMINSKIY, M.I., dotsent (Khar'kov)

Correctives to the method for maintaining a current record of
illnesses. Vrach.delo no.2:181-184 P '56. (MLRA 9:7)

1. Ukrainskiy institut usovershenstvovaniya vrachey.
(DISEASES--REGISTRATION)

KAMINSKIY, M.I., dotsent

Method for the determining local features of medical services to population of an urban medical district. Sov.zdrav. 15 no.6:33-35 N-D '56.

1. Iz Ukrainskogo instituta usovershenstvovaniya vrachey (dir. - dotsent I. I. Ovsyienko)
(PUBLIC HEALTH
in Russia, med. serv. in urban districts, statist.)
(HOSPITALS
same)

KAMINSKIY, M.I., dots.

Tasks in morbidity statistics. Zdrav.Ros. Med. 2 no.9:31-34 S '58
(MIRA 11:10)

1. Iz Ukrainskogo instituta usovershenstvovaniya vrachey
(dir. - dots. I.I. Ovsyienko).
(MEDICAL STATISTICS)

KAMINSKIY, M. I.

"The status of statistics on morbidity of insured persons with temporary loss of work capacity and its tasks."

Report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists. 1959

KAMINSKIY, M.I. dotsent (Khar'kov)

Value of information from a decentralized registration of persons
dying at home. Vrach, delo no.12:1317-1318 D '59.

(MIRA 13:5)

1. Ukrainskiy institut usovershenstvovaniya vrachey.
(MORTALITY)

KAMINSKIY, M.I., dotsent (Khar'kov)

Modern terminology in public health statistics. Sov.zdrav. 21
no.7:34-37 '62. (MIRA 15:8)

1. Iz Ukrainskogo instituta usovershenstvovaniya vrachey (rektor-
dotsent I.I.Ovsyienko).
(MEDICINE--TERMINOLGOY)